

## EAST Search History

| Ref # | Hits  | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|-----------------|------------------|---------|------------------|
| L14   | 10    | (command near3 scheduler) same (command adj register)   | US-PGPUB; USPAT | OR               | OFF     | 2007/04/29 14:18 |
| L13   | 0     | (command adj scheduler) same (command adj register)   | US-PGPUB; USPAT | OR               | OFF     | 2007/04/29 14:18 |
| S13 6 | 36    | ((encrypt\$3 cihper\$3 cryptograp\$7 crypto aes des) near3 processor).ti.   | US-PGPUB; USPAT | OR               | OFF     | 2007/04/28 18:58 |
| S13 5 | 4357  | ((encrypt\$3 cihper\$3 cryptograp\$7 crypto aes des) near3 processor)   | US-PGPUB; USPAT | OR               | OFF     | 2007/04/28 18:58 |
| S13 4 | 9008  | ((encrypt\$3 cihper\$3 cryptograp\$7 crypto aes des) with processor)  | US-PGPUB; USPAT | OR               | OFF     | 2007/04/28 18:58 |
| S12 0 | 0     | S118 and ((encrypt\$3 cihper\$3 cryptograp\$7 crypto) same processor)   | US-PGPUB; USPAT | OR               | OFF     | 2007/04/28 18:58 |
| S13 3 | 24    | S130 and S132   | US-PGPUB; USPAT | AND              | OFF     | 2007/04/28 17:43 |
| S13 2 | 86511 | (controller near3 ("input/output" or "I/O" or (input near3 output))) or (control near3 register)                              | US-PGPUB; USPAT | AND              | OFF     | 2007/04/28 17:42 |
| S13 0 | 24    | VLIW (MUX or multiplexer) ALU "command register" decoder  | US-PGPUB; USPAT | AND              | OFF     | 2007/04/28 17:42 |
| S12 9 | 29    | VLIW (MUX or multiplexer) ALU "command register"  | US-PGPUB; USPAT | AND              | OFF     | 2007/04/28 17:42 |
| S12 7 | 7     | VLIW (MUX or multiplexer) ALU "command register" (controller near3 ("input/output" or "I/O" or (input near3 output))) decoder | US-PGPUB; USPAT | AND              | OFF     | 2007/04/28 17:41 |
| S12 6 | 7     | ((aes rijndael) same VLIW)  | US-PGPUB; USPAT | OR               | OFF     | 2007/04/27 17:37 |
| S12 5 | 19    | (intel sun).as. and ((aes rijndael) and VLIW)   | US-PGPUB; USPAT | OR               | OFF     | 2007/04/27 17:32 |
| S11 6 | 0     | (Hewlett near3 Packard).as. and ((aes rijndael) and VLIW)   | US-PGPUB; USPAT | OR               | OFF     | 2007/04/27 17:11 |
| S12 4 | 1     | 09/378,395.app.   | US-PGPUB; USPAT | OR               | OFF     | 2007/04/27 17:10 |
| S12 2 | 1     | 09/378,293.app.   | US-PGPUB; USPAT | OR               | OFF     | 2007/04/27 17:08 |
| S12 3 | 12    | ("6457173").URPN.   | USPAT           | OR               | OFF     | 2007/04/27 17:02 |
| S11 8 | 79    | S117 and vliw   | US-PGPUB; USPAT | OR               | OFF     | 2007/04/27 17:00 |
| S12 1 | 0     | S118 and (encrypt\$3 cihper\$3 cryptograp\$7 crypto)  | US-PGPUB; USPAT | OR               | OFF     | 2007/04/27 16:45 |

## EAST Search History

|          |       |   |                              |    |     |                  |
|----------|-------|---|------------------------------|----|-----|------------------|
| S11<br>9 | 0     | S118 and aes  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/27 16:45 |
| S19      | 44    | ((encrypt\$3 cipher\$3 cryptograp\$7<br>crypto) same processor).ti. | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/27 16:45 |
| S11<br>7 | 18645 | (Hewlett near3 Packard).as.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/27 16:44 |
| S11<br>4 | 5     | (5805852 6145074 5983336 613115<br>7 6154828).pn.                   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/27 16:41 |
| S11<br>3 | 2     | S110 and vliw   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/27 16:26 |
| S11<br>2 | 23    | S110 and (processor)  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/27 14:55 |
| S11<br>1 | 1     | S110 and (aes with processor)                                       | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/27 14:46 |
| S11<br>0 | 651   | S108 S109   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/27 14:45 |
| S10<br>9 | 20    | (admtek).as.  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/27 14:45 |
| S10<br>8 | 631   | (wen near3 chin)".in" (kuang near3<br>lie).in.                      | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/27 14:44 |
| S10<br>4 | 6     | command near3 register same (aes<br>(advanced near3 encryption))    | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/27 13:17 |
| S10<br>3 | 1     | command near3 register with (aes<br>(advanced near3 encryption))    | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/27 13:17 |
| S10<br>2 | 4     | ((aes (advanced near3 encryption))<br>with processor).ab.           | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/27 13:16 |
| S88      | 26    | S86 not S87   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/27 13:08 |
| S93      | 10    | S83 and ((VLIW)("long instructions<br>word"))                       | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/27 12:11 |
| S92      | 1     | S84 and ((VLIW)("long instructions<br>word"))                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/27 12:11 |
| S91      | 1     | S85 and ((VLIW)("long instructions<br>word"))                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/27 12:10 |
| S90      | 1     | S86 and ((VLIW)("long instructions<br>word"))                       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/27 12:10 |
| S89      | 1     | S86 and (VLIW)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/27 12:09 |

## EAST Search History

|     |      |  |                              |    |     |                  |
|-----|------|--|------------------------------|----|-----|------------------|
| S87 | 41   | S86 and (encrypt\$3 cipher\$3 cryptograp\$7 crypto aes)  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/27 11:20 |
| S86 | 67   | S85 and (register same (alu arithmetic) same decod\$3)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/27 11:19 |
| S85 | 386  | S84 and (controll\$3 same (buffer cache) same register)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/27 11:18 |
| S84 | 627  | S83 and ((multiplexer mux) same controll\$3 same register)   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/27 11:18 |
| S83 | 3448 | ((command near3 register) same decod\$3)   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/27 11:18 |
| S82 | 45   | ("4041461").URPN.  | USPAT                        | OR | OFF | 2007/04/26 21:56 |
| S81 | 41   | S78 and (encrypt\$3 cipher\$3 cryptograp\$7 crypto aes)  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 21:51 |
| S80 | 123  | S76 and (encrypt\$3 cipher\$3 cryptograp\$7 crypto aes)  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 21:51 |
| S79 | 1    | S76 and ((encrypt\$3 cipher\$3 cryptograp\$7 crypto aes) near3 processor)                                  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 21:51 |
| S78 | 67   | S76 and (register same (alu arithmetic) same decod\$3)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 21:50 |
| S65 | 8    | S63 and (register same (alu arithmetic) same decod\$3)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 21:50 |
| S32 | 1    | ((encrypt\$3 cipher\$3 cryptograp\$7 crypto aes) near3 processor) same (long near3 instruction near3 word) | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 21:50 |
| S77 | 196  | S76 and (alu arithmetic)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 21:49 |
| S76 | 386  | S75 and (controll\$3 same (buffer cache) same register)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 21:49 |
| S60 | 1    | S58 and (schedul\$3 same (alu arithmetic))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 21:49 |
| S57 | 80   | S52 and (controll\$3 same (buffer cache) same register)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 21:49 |
| S75 | 627  | S69 and ((multiplexer mux) same controll\$3 same register)   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 21:48 |
| S71 | 14   | S70 and ((multiplexer mux) same controll\$3 same register)   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 21:48 |

## EAST Search History

|     |      |  |                              |    |     |                  |
|-----|------|--|------------------------------|----|-----|------------------|
| S74 | 1    | S63 and S69  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 21:47 |
| S2  | 1    | 10/708988.app.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 21:47 |
| S73 | 2    | S72 not S71  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 21:42 |
| S72 | 16   | S70 and ((multiplexer mux) same register)  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 21:42 |
| S70 | 56   | S69 and (command near3 schedul\$3)   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 21:36 |
| S69 | 3448 | ((command near3 register) same decod\$3)   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 21:35 |
| S68 | 32   | S66 and aes  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 21:25 |
| S66 | 182  | S63 and ((encrypt\$3 cihper\$3 cryptograp\$7 crypto aes) near3 processor)            | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 21:25 |
| S67 | 4    | S42 and S66  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 21:22 |
| S47 | 626  | register same (multiplexer mux) same (alu arithmetic) same decod\$3 same instruction | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 21:22 |
| S34 | 1    | S33 and ((encrypt\$3 cihper\$3 cryptograp\$7 crypto aes) near3 processor)            | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 21:21 |
| S64 | 2    | S47 and S63  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 21:15 |
| S63 | 1270 | 380/28.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 21:15 |
| S62 | 1    | S61 and (command near3 schedul\$3)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 21:06 |
| S61 | 38   | S58 and (command near3 decoder)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 21:06 |
| S59 | 1    | S58 and aes  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 21:04 |
| S58 | 61   | S52 and (controll\$3 with (buffer cache) with register)                              | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 21:03 |
| S56 | 1    | S52 and ((controll\$3 near3 (input output)) same (buffer cache) same register)       | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 21:01 |

## EAST Search History

|     |      |   |                              |    |     |                  |
|-----|------|---|------------------------------|----|-----|------------------|
| S55 | 73   | S52 and (controll\$3 same (input output))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 21:00 |
| S52 | 81   | S49 and (encrypt\$3 cipher\$3 cryptograp\$7 crypto aes)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 20:59 |
| S54 | 20   | S49 and ((encrypt\$3 cipher\$3 cryptograp\$7 crypto aes) same processor)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 20:53 |
| S53 | 1    | S49 and ((encrypt\$3 cipher\$3 cryptograp\$7 crypto aes) near3 processor)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 20:53 |
| S51 | 1    | S47 and ((command near3 register) same (encrypt\$3 cipher\$3 cryptograp\$7 crypto aes))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 20:53 |
| S50 | 1    | S47 and ((command near3 register) same (aes))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 20:52 |
| S49 | 191  | S47 and (command near3 register)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 20:51 |
| S46 | 1    | (mixadk1 ("mix column add round key")) and (invsbsr1 ("inverse substitute byte shift row")) and (MSB "most 1significant byte") and (OCB "offset code book") and (ccm "counter mode with cbc mac") and ((very near3 long near3 instruction near3 word) vliw) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 20:28 |
| S45 | 9    | ("20020019927"   "20030067473"   "5689674"   "5862399"   "5974537"   "6076154"   "6134633"   "6226715"   "6336182").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/04/26 20:21 |
| S44 | 13   | ((very near3 long near3 instruction near3 word) vliw) same (encrypt\$3 cipher\$3 cryptograp\$7 crypto aes)  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 19:59 |
| S43 | 7    | ((very near3 long near3 instruction near3 word) vliw) same aes  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 19:59 |
| S42 | 3881 | ((very near3 long near3 instruction near3 word) vliw)   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 19:48 |
| S41 | 19   | S38 not S39   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 18:22 |
| S39 | 21   | S3 and ((buffer sram cache) near4 register)   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 18:22 |
| S40 | 5    | S3 and (((buffer sram cache) near4 register) same controller)   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/04/26 18:01 |

## EAST Search History

|     |      |  |                    |    |     |                  |
|-----|------|--|--------------------|----|-----|------------------|
| S38 | 40   | S3 and ((buffer sram cache) with register)   | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 17:58 |
| S37 | 2    | S3 and ((buffer sram cache) with (connect\$3 attach\$3) with register)   | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 17:58 |
| S36 | 2    | S3 and ((buffer sram cache) with (connect\$3) with register)   | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 17:57 |
| S35 | 3    | S33 and (encrypt\$3 cipher\$3 cryptograp\$7 crypto aes)  | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 17:50 |
| S33 | 56   | (ALU arithmetic) same (long near3 instruction near3 word) same (mux multiplexer)                               | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 17:49 |
| S31 | 3    | ((encrypt\$3 cipher\$3 cryptograp\$7 crypto aes) near3 processor) same (multiplexer mux) same (alu arithmetic) | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 17:47 |
| S30 | 38   | S28 and (AES encrypt\$3 cipher\$3 cryptograp\$7 crypto)  | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 17:21 |
| S29 | 2    | S28 same (AES encrypt\$3 cipher\$3 cryptograp\$7 crypto)   | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 17:21 |
| S28 | 311  | (ALU (arithmetic near3 unit)) with (decod\$3 schedul\$3) with multiplexer                                      | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 17:07 |
| S25 | 875  | (ALU (arithmetic near3 unit)) same (decod\$3 schedul\$3) same multiplexer                                      | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 17:07 |
| S23 | 124  | S22 and (AES encrypt\$3 cipher\$3 cryptograp\$7 crypto)  | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 17:07 |
| S27 | 1    | ("2004/0064589").URPN.   | USPAT              | OR | OFF | 2007/04/26 17:01 |
| S26 | 36   | S24 and S25  | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 16:39 |
| S21 | 2188 | Multiplexer\$1 same register same (ALU (arithmetic near3 unit))  | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 16:38 |
| S24 | 81   | S23 and ((controller controlling) same (buffer cache))   | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 16:37 |
| S22 | 1040 | Multiplexer\$1 with register with (ALU (arithmetic near3 unit))  | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 16:35 |
| S20 | 31   | ("5161193").URPN.  | USPAT              | OR | OFF | 2007/04/26 16:23 |
| S18 | 20   | ((encrypt\$3 cipher\$3) same processor).ti.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 15:36 |
| S17 | 0    | (AES same ALU).ti.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 15:35 |
| S16 | 0    | (AES same processor).ti.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 15:35 |
| S15 | 7    | (AES same processor).ab.   | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 15:35 |



## EAST Search History

|    |      |                                    |                    |    |     |                  |
|----|------|------------------------------------|--------------------|----|-----|------------------|
| S9 | 4    | S8 and (AES same processor).ab.    | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 15:33 |
| S8 | 4982 | S6 S7                              | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 15:01 |
| S7 | 2339 | 726/3.ccls. 713/168.ccls.          | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 15:01 |
| S6 | 2850 | 380/28,29,37,239,247,251,255.ccls. | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 15:01 |
| S5 | 34   | S3 and S4                          | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 15:01 |
| S4 | 1270 | 380/28.ccls.                       | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 14:19 |

EAST Search History

|  |     |   |                    |    |     |                  |
|--|-----|---|--------------------|----|-----|------------------|
| S3   | 200 | (US-20050147239-\$ or<br>US-20050193214-\$ or<br>US-20030072444-\$ or<br>US-20040184602-\$ or<br>US-20020131588-\$ or<br>US-20030108195-\$ or<br>US-20050135607-\$ or<br>US-20060050875-\$ or<br>US-20060210065-\$ or<br>US-20030059054-\$ or<br>US-20040184607-\$ or<br>US-20040252831-\$ or<br>US-20050213756-\$ or<br>US-20030099352-\$ or<br>US-20030198345-\$ or<br>US-20040146158-\$ or<br>US-20040202318-\$ or<br>US-20040223609-\$ or<br>US-20040223610-\$ or<br>US-20040228483-\$ or<br>US-20040228485-\$ or<br>US-20040250091-\$ or<br>US-20050160279-\$ or<br>US-20050182812-\$ or<br>US-20050190923-\$ or<br>US-20060034453-\$).did. or<br>(US-20060050889-\$ or<br>US-20060171532-\$ or<br>US-20060188098-\$ or<br>US-20070019805-\$ or<br>US-20060161878-\$ or<br>US-20030133568-\$ or<br>US-20060072746-\$ or<br>US-20070064946-\$ or<br>US-20060140407-\$ or<br>US-20020138750-\$ or<br>US-20020191784-\$ or<br>US-20030039355-\$ or<br>US-20030053623-\$ or<br>US-20030068036-\$ or<br>US-20030091184-\$ or<br>US-20030108196-\$ or<br>US-20030165242-\$ or<br>US-20030223580-\$ or<br>US-20040001595-\$ or<br>US-20040003246-\$ or<br>US-20040047466-\$ or<br>US-20040083362-\$ or<br>US-20040098587-\$ or<br>US-20040120518-\$ or<br>US-20040120521-\$ or<br>US-20040141614-\$ or<br>US-20040170277-\$).did. or<br>(US-20040202317-\$ or<br>US-20040202326-\$ or<br>US-20040208072-\$ or<br>US-20040208318-\$ or<br>US-20040228360-\$ or<br>US-20040228479-\$ or | US-PGPUB;<br>USPAT | OR | OFF | 2007/04/26 14:10 |
| 4/29/2007 7:18:00 PM C:\Documents and Settings\Stephen\My Documents\EAST\Workspaces\10708988.wsp |     |   |                    |    |     |                  |